

ABSTRACT OF THE DISCLOSURE

Length-adjustable filter cartridges are provided which in preferred
embodiments include at least one length-adjustable end cap attached to
an end of a generally cylindrical filter body. The length-adjustable end
cap most preferably includes an annular stationary ring member which is
attached to one end of the filter body, and a moveable connection
member slideably received within said annular stationary ring member so
as to be moveable longitudinally relative thereto. A seal is formed
between the stationary ring member and the moveable connection
member so as to seal against fluid leakage yet permit relative axial
movement (length adjustment) therebetween. In use, the filter cartridges
may be adapted to fit conventional standardized bag filter cartridge
 housings even though the physical size and/or geometries of the metal
support basket thereof is non-standard. That is, a filter cartridge having
the length-adjustable end cap of the present invention may be positioned
within a standard sized bag filter cartridge housing, whereby the length-
adjustable end cap may be longitudinally moved until the filter cartridge
length corresponds substantially to that of the surrounding metal support
basket in which it is placed. As such, the bottom end cap of the filter
cartridge is ensured to be supported by the metal basket to prevent it from
rupturing during normal use.